



Restek® Air

Aura™ Personal Air Samplers

A New Approach for Industrial Hygiene

Designed to meet OSHA and NIOSH requirements, the innovative Aura™ personal air sampler overcomes the limitations of sorbent tubes and badges.

- Broader utility
- Wider effective range
- Does not use solvents or electricity
- No breakthrough



RESTEK®

Pure Chromatography

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Aura™ Personal Air Samplers

A New Approach for Industrial Hygiene

The Aura™ personal air sampler from Restek is setting a brand new benchmark in sampling technology. This innovative passive sampling device is designed to meet OSHA and NIOSH requirements, while overcoming the limitations of sorbent tubes and badges.

Benefits of Aura™ Personal Air Samplers

- **Quiet, robust sampler does not require a pump** and manages variations in face velocity, temperature, and humidity better than traditional sampling approaches.
- Whole air sampling **allows multiple analyses of >100 VOCs**. Broader utility than analyte-specific sorbent techniques.
- **Wider effective range than sorbent tubes and badges**. Sensitive down to pptv levels with no breakthrough even at ppmv levels.
- **Easy to operate**—a simple, quick connection starts and stops flow; does not require flow calibration.
- **Green technology** does not use electricity or solvents.
- Downloadable XLS file available online for easy, accurate flow calculation.



Aura™ personal air sampler kits include everything you need for easy, accurate sampling.

Aura™ Personal Air Sampler Kit Components

- A – 400 cc miniature canister with 1/4" quick-connect stem (quantity 1)
- B – 1/8" quick-connect body (quantity 1)
- C – disposable 8-hour sampler lines (quantity 10)
- D – holster (quantity 1)
- E – sampler line clip (quantity 1)
- F – belt (quantity 1)
- G – clean-cut tubing cutter (quantity 1)

Compare Aura™ technology to your current approach and see why it's a better way to sample!

| Feature | Aura Personal Air Sampler | Active Sorbent Tubes | Passive Badges/Tubes |
|-------------------------------|---------------------------|-------------------------------------|-------------------------------------|
| Technology | Whole air | Field concentration | Field concentration |
| Technique | Passive | Active | Passive (diffusion) |
| Sampling pump required | No | Yes | No |
| Flow calibration required | No | Yes | No |
| Electricity required | No | Yes | No |
| Affected by face velocity | No | No | Yes |
| Affected by temperature | No | No | Yes |
| Affected by relative humidity | No | No | Yes |
| Solvents required | No | Yes (except for thermal desorption) | Yes (except for thermal desorption) |
| Subject to breakthrough | No | Yes | Yes |
| Sensitivity | pptv | ppbv | ppmv |
| Analytes | C1-C10 | Sorbent specific | Sorbent specific |
| Stability | 30 days | Analyte specific | Analyte specific |
| Weight | 0.95 lb (0.43 kg) | 1.5 lb (0.68 kg) | 0.04 lb (0.02 kg) |
| Noise | Non-detectable | 65 dBa at 1 m | NA |

Upgrade to Aura™ personal air samplers today!

www.restek.com/Aura

Whether you work in a plant or in a lab, Aura™ personal air samplers are quiet, comfortable, and don't get in your way. Fully adjustable and designed to stay in place!



Aura™ Personal Air Sampler Kits

- New personal air sampling technology designed to meet OSHA and NIOSH requirements for industrial hygiene applications.
- Quiet, robust sampler does not require a pump and manages variations in face velocity, temperature, and humidity better than traditional sampling approaches.
- Easy to operate—a simple, quick connection starts and stops flow; does not require flow calibration.
- Whole-air sampling approach affords multiple analyses of over 100 VOCs. Broader utility than analyte-specific sorbent techniques.
- Wider effective range than sorbent tubes and badges. Sensitive down to pptv levels and not subject to sample breakthrough even at ppmv levels.
- Green technology does not use electricity or solvents.
- Fully adjustable for a comfortable, secure fit.
- Downloadable XLS file simplifies flow calculation.

| Description | Electropolished cat.# | Siltek Treated cat.# |
|--|-----------------------|----------------------|
| Aura Personal Air Sampler Kit (Includes: 400 cc miniature canister with 1/4" quick-connect stem, quick-connect body, holster and belt, 10-pk. of disposable 8-hour sampler lines, tubing cutter, and lapel clip) | 26484 | 26485 |

Aura™ Personal Air Samplers (Disposable 8-Hour Sampler Lines)

| Description | cat.#/ea. | cat.#/10-pk. |
|---|-----------|--------------|
| Aura Personal Air Samplers (Disposable 8-Hour Sampler Line) | 26475 | 26476 |

Replacement 2 µm Frits for Aura™ Personal Air Samplers

| Description | cat.#/ea. | cat.#/10-pk. |
|---|-----------|--------------|
| 2 µm Frit for Aura Personal Air Sampler | 26477 | 26478 |

Replacement Filter with 2 µm Frit for Aura™ Personal Air Samplers

| Description | qty. | cat.# |
|--|------|-------|
| Filter with 2 µm Frit for Aura Personal Air Samplers | ea. | 26479 |

Accessories for Aura™ Personal Air Samplers

| Description | Length | qty. | cat.# |
|--|--------------------|------|-------|
| Holster and Belt for Aura Personal Air Sampler | | ea. | 26480 |
| Belt Extension for Aura Personal Air Sampler | adjustable, 12–24" | ea. | 26481 |
| Lapel Clip | | ea. | 26486 |

Replacement 1/8" Quick-Connect Body for Aura™ Personal Air Samplers

| Description | qty. | cat.# |
|---|------|-------|
| Replacement 1/8" Quick-Connect Body for Aura Personal Air Sampler | ea. | 26482 |
| Replacement 1/8" Quick-Connect Body with 1/4" Adaptor for Aura Personal Air Sampler | ea. | 26483 |



26484



26476



26477



26479



26479



26480



26482

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